

Remarks

Claims 30-80 are currently pending.

In the Figures, a typographical error in the figure legend of Figures 25D-25I has been corrected. In Figures 25D-25I as last filed, the word "ILIAC" was inadvertently spelled as "LLIAC." One of skill in the art would readily recognize this typographical error. The description of the corresponding experiment, Example 18, page 121, line 30 to page 122, line 13, clearly indicates that a rabbit hindlimb ischemia model was used in which a femoral artery is removed such that blood flow to the ischemic limb is dependent upon collateral vessels originating from the internal iliac artery. Therefore, the amendments to Figures 25D-25I do not introduce new matter.

Support for new Claims

New claims 65-80 find support throughout the specification. Specifically, support for a purified protein produced by expressing a polypeptide encoded by the sequence of SEQ ID NO: 1 or 3 or encoded by the cDNA in ATCC Deposit No. 97149 or 75698 from a host cell can be found, for example, at page 3, lines 28-33; page 7, lines 17-32; page 48, lines 29-34; and page 49, lines 7-8. Support for recovering the protein by chromatography can be found, for example, at page 55, lines 14-18. Support for recovering the protein by an antibody can be found, for example, at page 13, lines 19-21. Support for a protein homodimer can be found, for example, at page 58, lines 11-24. Support for protein fused to a heterologous polypeptide can be found, for example, at page 39, line 6 through page 40, line 23. Support for a pharmaceutically acceptable carrier can be found, for example, at page 79, line 31 through page 80, line 2. Support for recovering the protein from a bacterial cell can be found, for example, at page 52, line 23 through page 54, line 9. Support for recovering the protein from a yeast cell can be found, for example, at page 52, line 23 through page 54, line 9. Support for recovering the protein from an insect cell can be found, for example, at page 55, lines 24-27. Support for recovering the protein from a higher plant cell can be found, for example, at page 55, lines 24-27. Support for recovering the protein from a cell following infection by baculovirus can be found, for example, in Example 3, pages 98-101. Support for recovering the protein from a cell infected by a retrovirus can be found, for example, at page 80, line 29 through page 82,

line 11. Accordingly, no new matter has been added. Entry of the above amendment is therefore respectfully solicited.

Conclusion

Applicants believe that this application is in condition for allowance, and an early notice to that effect is earnestly solicited. The Examiner is invited to call the undersigned at the phone number provided below if any further action by Applicant would expedite the examination of this application.

If there are any fees due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 08-3425. If a fee is required for an extension of time under 37 C.F.R. § 1.136, such an extension is requested and the appropriate fee should also be charged to our Deposit Account.

Dated: January 14, 2005

Respectfully submitted,

By 

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